

Amendments to the Specification

Please replace the paragraph beginning at page 4, line 10, with the following rewritten paragraph:

-- In summary, in the present invention a conveyor has discreet board engaging means in spaced relation therealong defining board carrying spaces therebetween for carrying boards aligned across a downstream flow direction. An acceleration means accelerates a board in a board carrying spaced to the downstream most end of the space. A rigid stop is mounted in, or is selectively translated into, a board engaging position so as to engage the board in the space when at the downstream end of the space. At least one rotator arm engages the underside of the board once engaged against the stop and rotates the board one hundred eighty degrees over the stop so as to deposit the board towards the upstream end of the board carrying space.--

Please replace the paragraph beginning at page 5, line 23, with the following rewritten paragraph:

-- Figures 4, 5, 6, 7, 8, 9a, 9b, 9c and 10 illustrate the device of Figure 2 and the process of turning a board in 3 inch travel increments wherein:--

Please replace the paragraph beginning at page 7, line 3, with the following rewritten paragraph:

--Turning now descriptively to the drawings, in which similar reference characters denote similar elements throughout the several views, the attached figures illustrate a powered rotary board turner, which comprises a conveyance system 10 for transporting the board 12, a rotary turning device 14 for rotating in direction a-A the board 12 at a rate relative to the rate of translation in direction b-B of the conveyance system 10, a bumper stop 16 for restraining the board 12 and a speed up belt 18 for accelerating the board 12 to the front of the conveyance system for example forwardly (also in direction B) in a lug spacing 20a between lugs 20.--

Please replace the paragraph beginning at page 7, line 12, with the following rewritten paragraph:

--The rotary turning device rotates at a rate which is constant relative to the conveyance system. Board 12 is turned while board 12 is being transferred on the conveyor. While in the conveyance system, board 12 is accelerated by the use of speed-up belts 18 or some other forward acceleration means in direction B to the front of the lug space between lugs 20 so as to engage bumper stop 16 at the front of the lug space. Board 12 is stopped by retractable bumper stops 16 which are proud, that is extend upwardly, of the top of conveyance system. Bumper stops 16 may be fixed in a single station system. Board 12 is then picked up by rotary turning device 14 and rotated in direction A over the bumper stops and dropped into the same lug space that it the board originated from. Thus the board is turned one hundred eighty degrees about its longitudinal axis in the time it takes for the length of the lug space to pass by the bumper stop.

In one embodiment the rotary turning device has two arms 14a, 14b and rotates at the rate of  $\frac{1}{2}$  a revolution per conveyance system or board. In other embodiments it may for example have only one arm and rotate at 1 revolution per ~~conveyance system~~ lug space or boards, or three arms and rotate at  $\frac{1}{3}$  a revolution per ~~conveyance system~~ lug space or board. Note that the system is not restricted to a pre-determined number of arms. In the above example if bumper stop 16 was left up, the boards in every ~~conveyance system~~, for example lug space, would be turned. If you wanted ~~more than one board turner on a given conveyance system, for example~~ more than one board turner per lug space, you could have two or more powered rotary board turners in series. If for example you have two turners and want to turn every second board you could achieve this by having the bumper stops come up in direction C on every second board. The board that the bumper stop did not come up on will pass over the rotary turning device and would not be turned. This could work on any number of board turner stations. If for example you had a four station powered rotary board turner you could run all four stations and lift the bumper stops up for every 4th board at each station. In this case each rotary turning device (~~2 armed~~) (presuming a two arm board turner) would rotate in direction A at  $\frac{1}{2}$  a revolution per ~~conveyance system~~ lug space (same as a single station) and is capable of turning the boards in all lug spaces if required (leave the bumper stop for that station up). Without having to change the speed of the rotary turning devices relative to the conveyance system rate (or disconnecting the drive mechanism) you could choose to run any number of the four stations in any combination by lifting the bumper stops at the appropriate times.—

Please remove the paragraph on page 8 beginning at line 18.

~~As to a further discussion of the manner of usage and operation of the present invention, the same should be apparent from the above description. Accordingly, no further discussion relating to the manner of usage and operation will be provided.~~